

Note. There are eight(8) headers for jumper wires connection.

Face the breadboard topside with the PRIMARY edge on the bottom, starting from left to right, the designations for the headers are H1, H2, H3, H4 (left group) and H5, H6, H7, H8 (right group).

(D) SIDE/TOPSIDE SECONDARY FINGERS⁹

H1

SEC-1X	SEC-2X	SEC-3X	SEC-4X	SEC-5X	SEC-6X	SEC-7X	SEC-8X	SEC-9X	SEC-10X	SEC-11X	SEC-12X	SEC-13X	SEC-14X	SEC-15X	SEC-16X	SEC-17X	SEC-18X	SEC-19X	SEC-20X	SEC-21X	SEC-22X	SEC-23X	SEC-24X	SEC-25X	SEC-26X	SEC-27X	SEC-28X	SEC-29X	SEC-30X	SEC-31X	SEC-32X	SEC-33X	SEC-34X	SEC-35X	SEC-36X	SEC-37X	SEC-38X	SEC-39X	SEC-40X	SEC-41X	SEC-42X	SEC-43X	SEC-44X	SEC-45X	SEC-46X	SEC-47X	SEC-48X	SEC-49X	SEC-50X	SEC-51X	SEC-52X	SEC-53X	SEC-54X	SEC-55X	SEC-56X	SEC-57X	SEC-58X	SEC-59X	SEC-60X	SEC-61X	SEC-62X	SEC-63X	SEC-64X	SEC-65X	SEC-66X	SEC-67X	SEC-68X	SEC-69X	SEC-70X	SEC-71X	SEC-72X	SEC-73X	SEC-74X	SEC-75X	SEC-76X	SEC-77X	SEC-78X	SEC-79X	SEC-80X
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

(C) SIDE/BOTTOMSIDE SECONDARY FINGERS⁹

H3

PR-1X	PR-2X	PR-3X	PR-4X	PR-5X	PR-6X	PR-7X	PR-8X	PR-9X	PR-10X	PR-11X	PR-12X	PR-13X	PR-14X	PR-15X	PR-16X	PR-17X	PR-18X	PR-19X	PR-20X	PR-21X	PR-22X	PR-23X	PR-24X	PR-25X	PR-26X	PR-27X	PR-28X	PR-29X	PR-30X	PR-31X	PR-32X	PR-33X	PR-34X	PR-35X	PR-36X	PR-37X	PR-38X	PR-39X	PR-40X	PR-41X	PR-42X	PR-43X	PR-44X	PR-45X	PR-46X	PR-47X	PR-48X	PR-49X	PR-50X	PR-51X	PR-52X	PR-53X	PR-54X	PR-55X	PR-56X	PR-57X	PR-58X	PR-59X	PR-60X	PR-61X	PR-62X	PR-63X	PR-64X	PR-65X	PR-66X	PR-67X	PR-68X	PR-69X	PR-70X	PR-71X	PR-72X	PR-73X	PR-74X	PR-75X	PR-76X	PR-77X	PR-78X	PR-79X	PR-80X
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

(B) SIDE/TOPSIDE PRIMARY FINGERS⁹

H5

SEC-1Y	SEC-2Y	SEC-3Y	SEC-4Y	SEC-5Y	SEC-6Y	SEC-7Y	SEC-8Y	SEC-9Y	SEC-10Y	SEC-11Y	SEC-12Y	SEC-13Y	SEC-14Y	SEC-15Y	SEC-16Y	SEC-17Y	SEC-18Y	SEC-19Y	SEC-20Y	SEC-21Y	SEC-22Y	SEC-23Y	SEC-24Y	SEC-25Y	SEC-26Y	SEC-27Y	SEC-28Y	SEC-29Y	SEC-30Y	SEC-31Y	SEC-32Y	SEC-33Y	SEC-34Y	SEC-35Y	SEC-36Y	SEC-37Y	SEC-38Y	SEC-39Y	SEC-40Y	SEC-41Y	SEC-42Y	SEC-43Y	SEC-44Y	SEC-45Y	SEC-46Y	SEC-47Y	SEC-48Y	SEC-49Y	SEC-50Y	SEC-51Y	SEC-52Y	SEC-53Y	SEC-54Y	SEC-55Y	SEC-56Y	SEC-57Y	SEC-58Y	SEC-59Y	SEC-60Y	SEC-61Y	SEC-62Y	SEC-63Y	SEC-64Y	SEC-65Y	SEC-66Y	SEC-67Y	SEC-68Y	SEC-69Y	SEC-70Y	SEC-71Y	SEC-72Y	SEC-73Y	SEC-74Y	SEC-75Y	SEC-76Y	SEC-77Y	SEC-78Y	SEC-79Y	SEC-80Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

(A) SIDE/BOTTOMSIDE PRIMARY FINGERS⁹

H7

PR-1Y	PR-2Y	PR-3Y	PR-4Y	PR-5Y	PR-6Y	PR-7Y	PR-8Y	PR-9Y	PR-10Y	PR-11Y	PR-12Y	PR-13Y	PR-14Y	PR-15Y	PR-16Y	PR-17Y	PR-18Y	PR-19Y	PR-20Y	PR-21Y	PR-22Y	PR-23Y	PR-24Y	PR-25Y	PR-26Y	PR-27Y	PR-28Y	PR-29Y	PR-30Y	PR-31Y	PR-32Y	PR-33Y	PR-34Y	PR-35Y	PR-36Y	PR-37Y	PR-38Y	PR-39Y	PR-40Y	PR-41Y	PR-42Y	PR-43Y	PR-44Y	PR-45Y	PR-46Y	PR-47Y	PR-48Y	PR-49Y	PR-50Y	PR-51Y	PR-52Y	PR-53Y	PR-54Y	PR-55Y	PR-56Y	PR-57Y	PR-58Y	PR-59Y	PR-60Y	PR-61Y	PR-62Y	PR-63Y	PR-64Y	PR-65Y	PR-66Y	PR-67Y	PR-68Y	PR-69Y	PR-70Y	PR-71Y	PR-72Y	PR-73Y	PR-74Y	PR-75Y	PR-76Y	PR-77Y	PR-78Y	PR-79Y	PR-80Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

(D) SIDE/TOPSIDE SECONDARY FINGERS⁹

H2

SEC-80X (80A)	SEC-81X	SEC-82X	SEC-83X	SEC-84X	SEC-85X	SEC-86X	SEC-87X	SEC-88X	SEC-89X	SEC-90X	SEC-91X	SEC-92X	SEC-93X	SEC-94X	SEC-95X	SEC-96X	SEC-97X	SEC-98X	SEC-99X	SEC-100X	SEC-101X	SEC-102X	SEC-103X	SEC-104X	SEC-105X	SEC-106X	SEC-107X	SEC-108X	SEC-109X	SEC-110X	SEC-111X	SEC-112X	SEC-113X	SEC-114X	SEC-115X	SEC-116X	SEC-117X	SEC-118X	SEC-119X	SEC-120X	SEC-121X	SEC-122X	SEC-123X	SEC-124X	SEC-125X	SEC-126X	SEC-127X	SEC-128X	SEC-129X	SEC-130X	SEC-131X	SEC-132X	SEC-133X	SEC-134X	SEC-135X	SEC-136X	SEC-137X	SEC-138X	SEC-139X	SEC-140X	SEC-141X	SEC-142X	SEC-143X	SEC-144X	SEC-145X	SEC-146X	SEC-147X	SEC-148X	SEC-149X	SEC-150X	SEC-151X	SEC-152X	SEC-153X	SEC-154X	SEC-155X	SEC-156X	SEC-157X	SEC-158X	SEC-159X	SEC-160X	SEC-161X	SEC-162X	SEC-163X	SEC-164X	SEC-165X	SEC-166X	SEC-167X	SEC-168X	SEC-169X	SEC-170X	SEC-171X	SEC-172X	SEC-173X	SEC-174X	SEC-175X	SEC-176X	SEC-177X	SEC-178X	SEC-179X	SEC-180X
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																					

(B) SIDE/TOPSIDE PRIMARY FINGERS⁹

H6

SEC-1Y	SEC-2Y	SEC-3Y	SEC-4Y	SEC-5Y	SEC-6Y	SEC-7Y	SEC-8Y	SEC-9Y	SEC-10Y	SEC-11Y	SEC-12Y	SEC-13Y	SEC-14Y	SEC-15Y	SEC-16Y	SEC-17Y	SEC-18Y	SEC-19Y	SEC-20Y	SEC-21Y	SEC-22Y	SEC-23Y	SEC-24Y	SEC-25Y	SEC-26Y	SEC-27Y	SEC-28Y	SEC-29Y	SEC-30Y	SEC-31Y	SEC-32Y	SEC-33Y	SEC-34Y	SEC-35Y	SEC-36Y	SEC-37Y	SEC-38Y	SEC-39Y	SEC-40Y	SEC-41Y	SEC-42Y	SEC-43Y	SEC-44Y	SEC-45Y	SEC-46Y	SEC-47Y	SEC-48Y	SEC-49Y	SEC-50Y	SEC-51Y	SEC-52Y	SEC-53Y	SEC-54Y	SEC-55Y	SEC-56Y	SEC-57Y	SEC-58Y	SEC-59Y	SEC-60Y	SEC-61Y	SEC-62Y	SEC-63Y	SEC-64Y	SEC-65Y	SEC-66Y	SEC-67Y	SEC-68Y	SEC-69Y	SEC-70Y	SEC-71Y	SEC-72Y	SEC-73Y	SEC-74Y	SEC-75Y	SEC-76Y	SEC-77Y	SEC-78Y	SEC-79Y	SEC-80Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

(A) SIDE/BOTTOMSIDE PRIMARY FINGERS⁹

H8

PR-1Y	PR-2Y	PR-3Y	PR-4Y	PR-5Y	PR-6Y	PR-7Y	PR-8Y	PR-9Y	PR-10Y	PR-11Y	PR-12Y	PR-13Y	PR-14Y	PR-15Y	PR-16Y	PR-17Y	PR-18Y	PR-19Y	PR-20Y	PR-21Y	PR-22Y	PR-23Y	PR-24Y	PR-25Y	PR-26Y	PR-27Y	PR-28Y	PR-29Y	PR-30Y	PR-31Y	PR-32Y	PR-33Y	PR-34Y	PR-35Y	PR-36Y	PR-37Y	PR-38Y	PR-39Y	PR-40Y	PR-41Y	PR-42Y	PR-43Y	PR-44Y	PR-45Y	PR-46Y	PR-47Y	PR-48Y	PR-49Y	PR-50Y	PR-51Y	PR-52Y	PR-53Y	PR-54Y	PR-55Y	PR-56Y	PR-57Y	PR-58Y	PR-59Y	PR-60Y	PR-61Y	PR-62Y	PR-63Y	PR-64Y	PR-65Y	PR-66Y	PR-67Y	PR-68Y	PR-69Y	PR-70Y	PR-71Y	PR-72Y	PR-73Y	PR-74Y	PR-75Y	PR-76Y	PR-77Y	PR-78Y	PR-79Y	PR-80Y
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

SECONDARY FINGERS

PRIMARY FINGERS

* (...) means the pin numbers inside the parentheses match the numbers on both edges of the connectors designated as shown on page 2 and 3.